

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014242.D
 Acq On : 19 Jun 2023 20:53
 Operator : KP/MD
 Sample : 03320-10
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-13

Quant Time: Jun 20 05:02:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

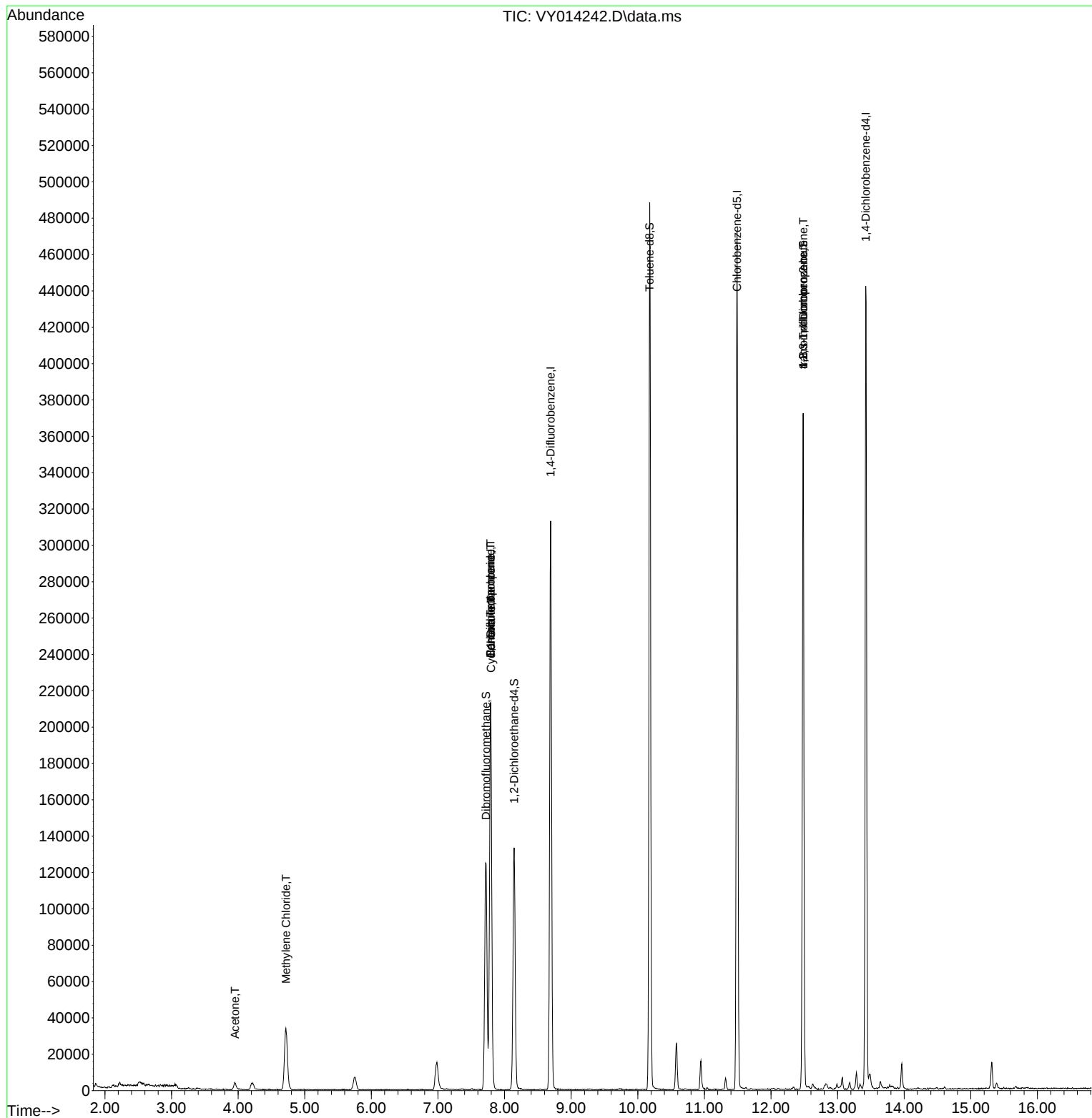
Internal Standards						
1) Pentafluorobenzene	7.789	168	166708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110408	47.560	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.120%		
35) Dibromofluoromethane	7.722	113	87196	47.371	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.740%		
50) Toluene-d8	10.179	98	315466	45.841	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.680%		
62) 4-Bromofluorobenzene	12.483	95	99344	40.639	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	81.280%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	256	Below Cal	#	89
16) Acetone	3.954	43	6947	9.928	ug/l	89
20) Methylene Chloride	4.716	84	24768	8.081	ug/l	93
31) Cyclohexane	7.795	56	3915	1.259	ug/l #	30
36) 1,1-Dichloropropene	7.789	75	12436	4.334	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16450	4.967	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	55698	36.188	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55698	78.225	ug/l #	11

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014242.D
Acq On : 19 Jun 2023 20:53
Operator : KP/MD
Sample : 03320-10
Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-13

Quant Time: Jun 20 05:02:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

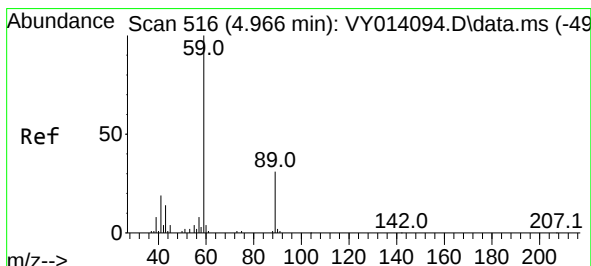
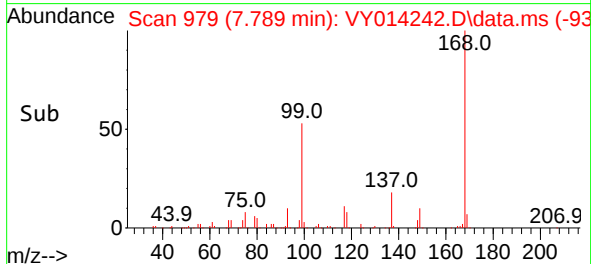
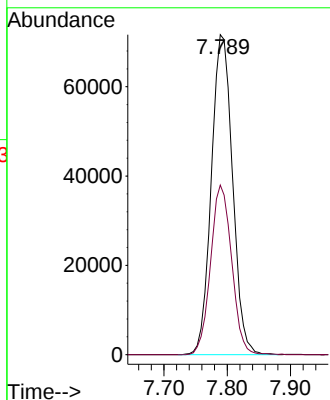
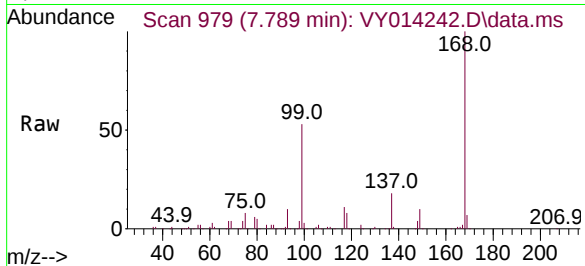




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

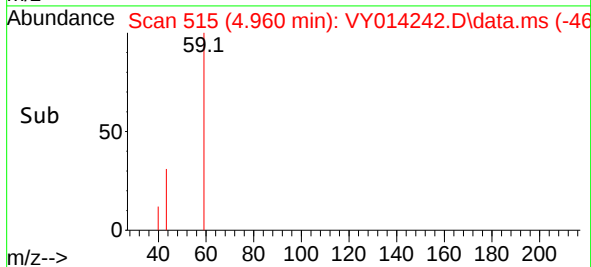
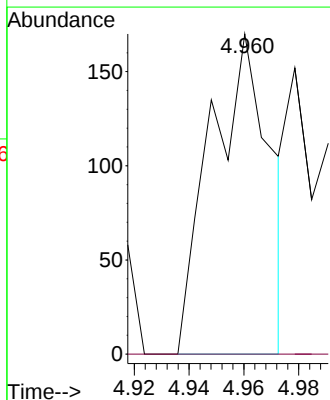
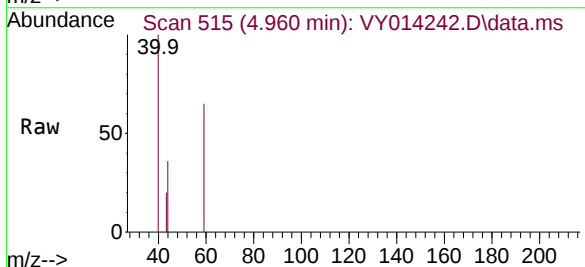
Instrument :
MSVOA_Y
ClientSampleId :
WC-13

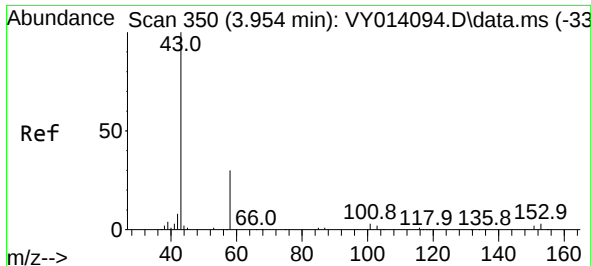
Tgt Ion:168 Resp: 166708
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

Tgt Ion: 59 Resp: 256
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

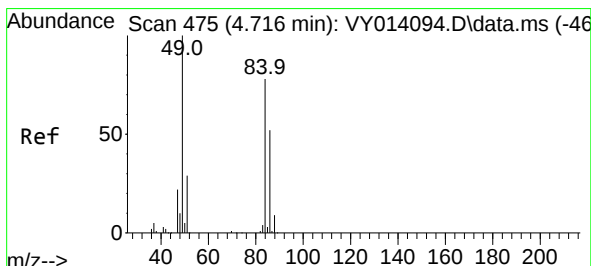
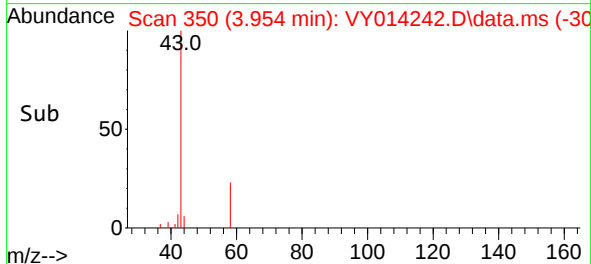
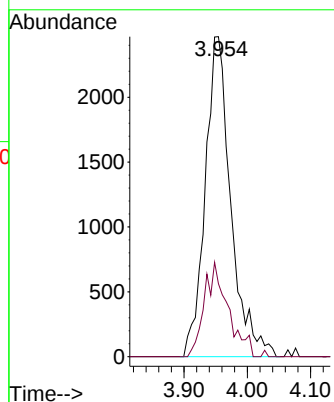
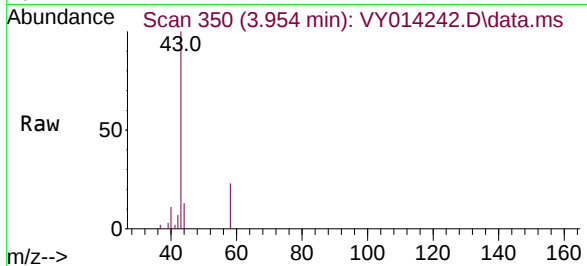




#16
Acetone
Concen: 9.928 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

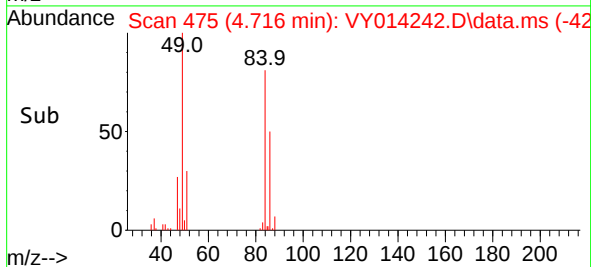
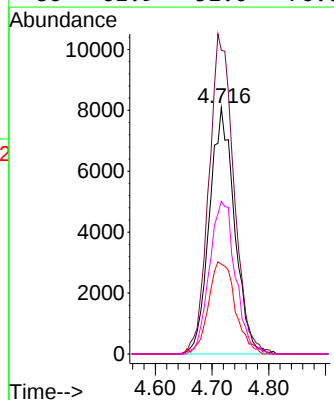
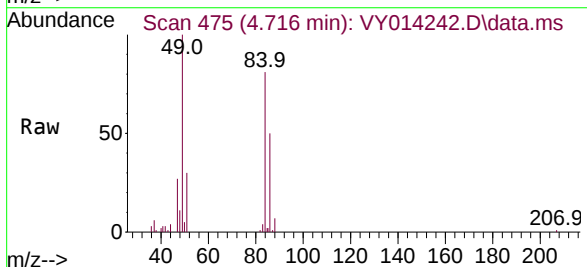
Instrument :
MSVOA_Y
ClientSampleId :
WC-13

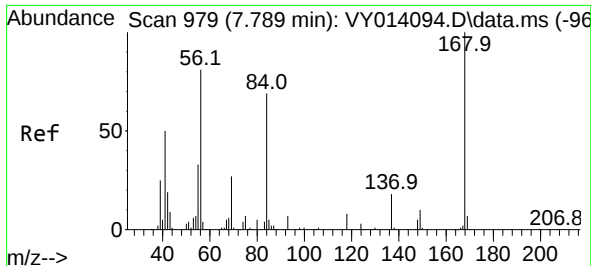
Tgt Ion: 43 Resp: 6947
Ion Ratio Lower Upper
43 100
58 22.8 22.7 34.1



#20
Methylene Chloride
Concen: 8.081 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

Tgt Ion: 84 Resp: 24768
Ion Ratio Lower Upper
84 100
49 123.2 106.9 160.3
51 36.4 33.2 49.8
86 61.9 51.0 76.6

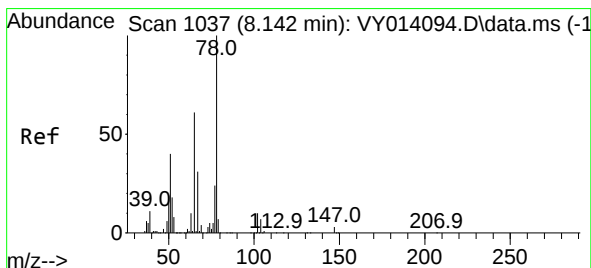
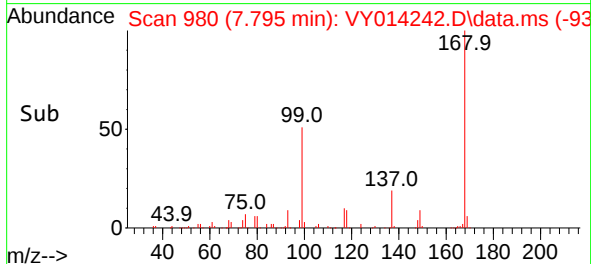
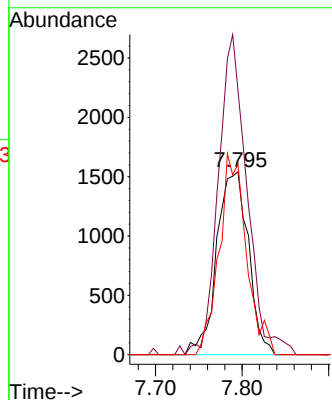
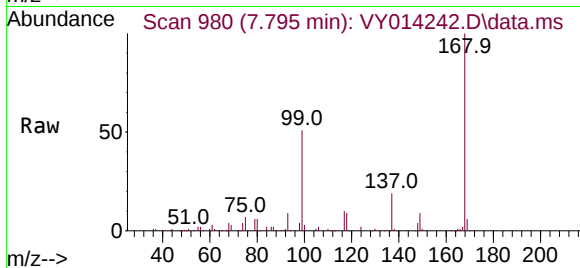




#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

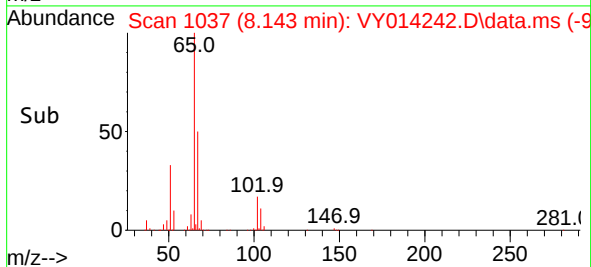
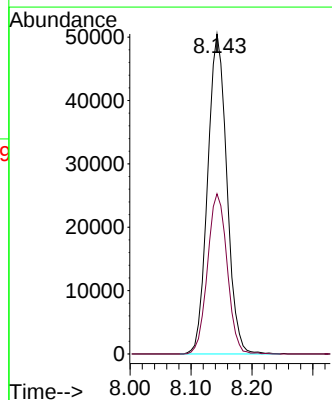
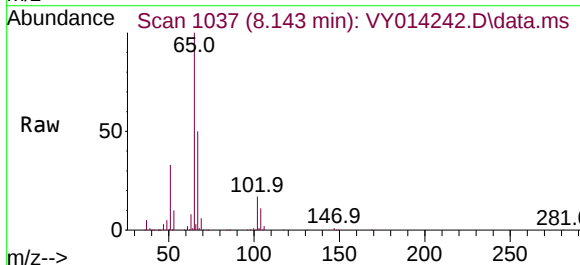
Instrument :
MSVOA_Y
ClientSampleId :
WC-13

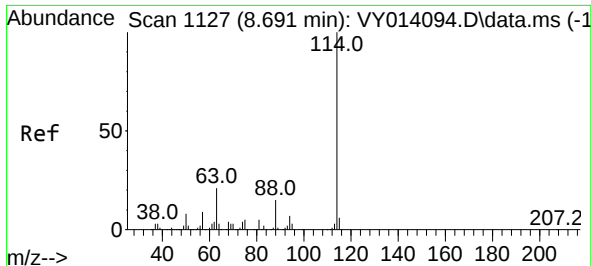
Tgt Ion: 56 Resp: 3915
Ion Ratio Lower Upper
56 100
69 139.8 27.8 41.6#
84 104.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 47.560 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

Tgt Ion: 65 Resp: 110408
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014242.D

Acq: 19 Jun 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-13

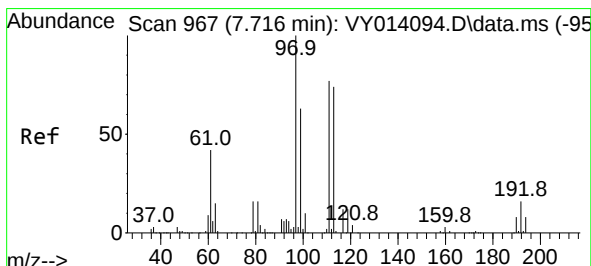
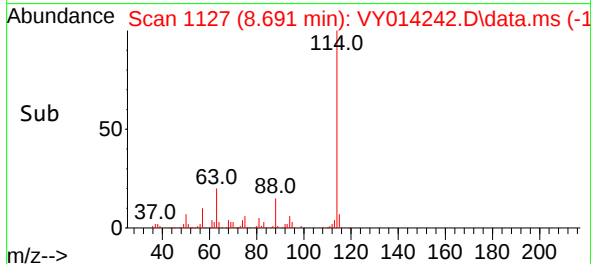
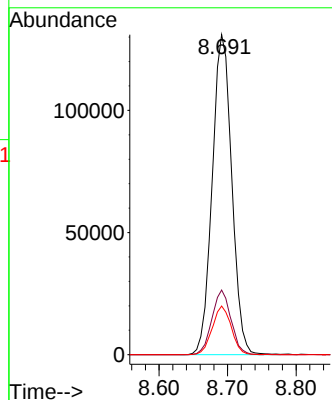
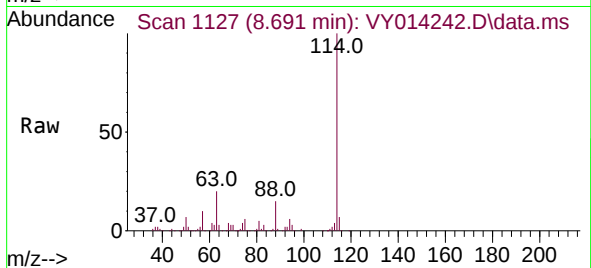
Tgt Ion:114 Resp: 259556

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.371 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014242.D

Acq: 19 Jun 2023 20:53

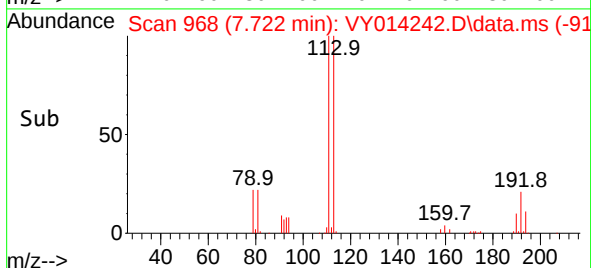
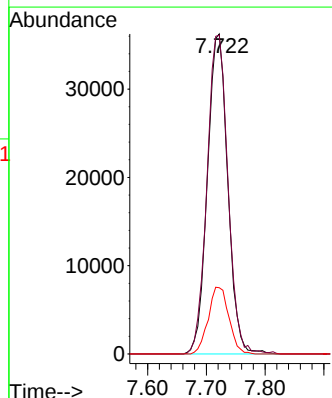
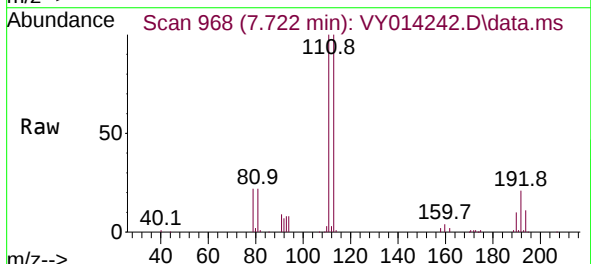
Tgt Ion:113 Resp: 87196

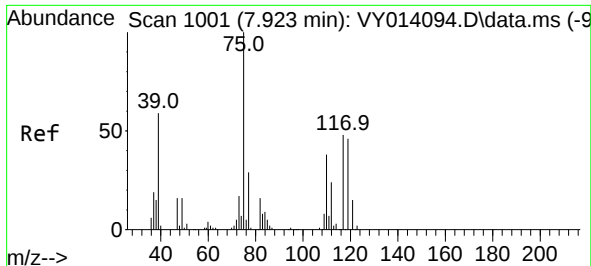
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 21.2 16.9 25.3

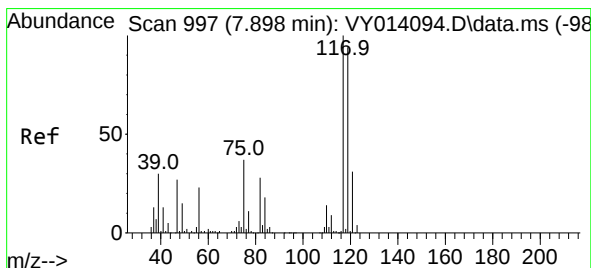
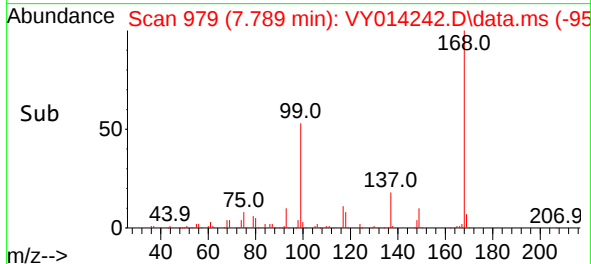
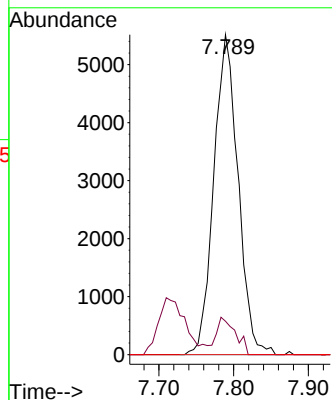
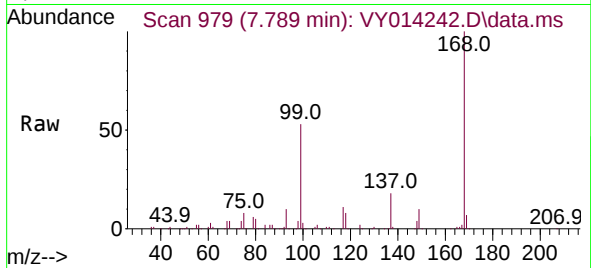




#36
1,1-Dichloropropene
Concen: 4.334 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

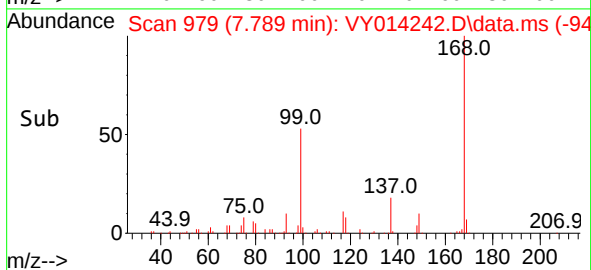
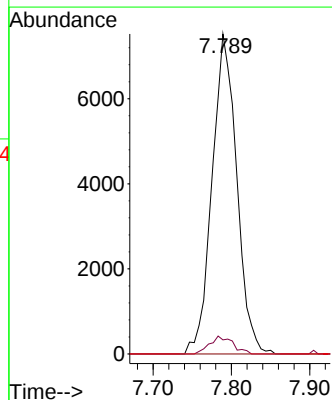
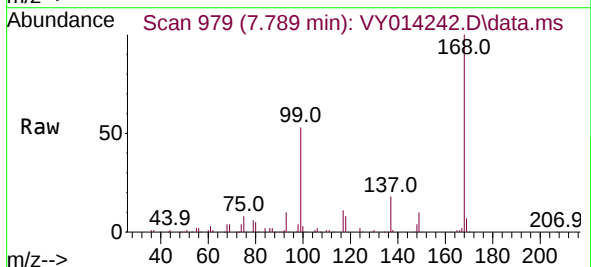
Instrument :
MSVOA_Y
ClientSampleId :
WC-13

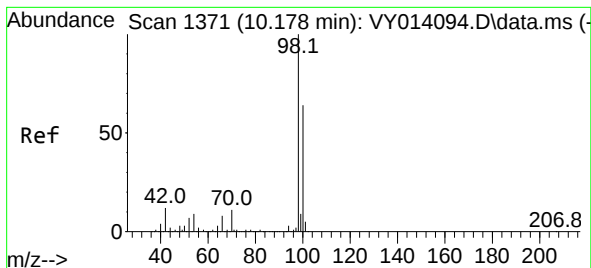
Tgt Ion: 75 Resp: 12436
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.967 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

Tgt Ion: 117 Resp: 16450
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 45.841 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014242.D

Acq: 19 Jun 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

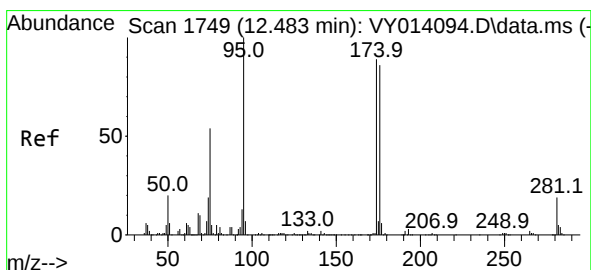
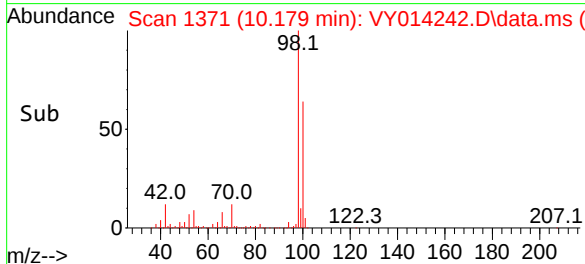
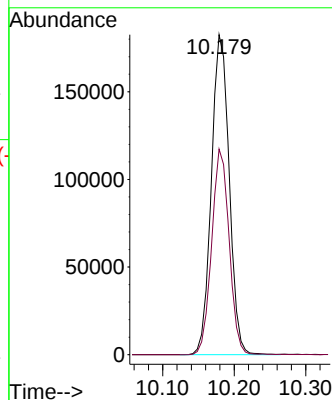
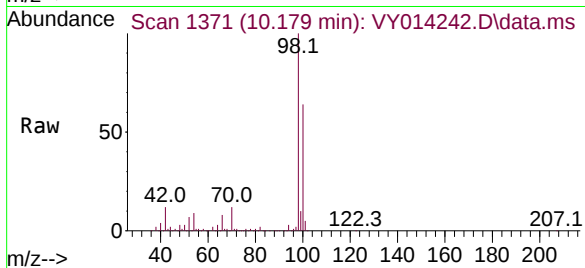
WC-13

Tgt Ion: 98 Resp: 315466

Ion Ratio Lower Upper

98 100

100 63.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 40.639 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014242.D

Acq: 19 Jun 2023 20:53

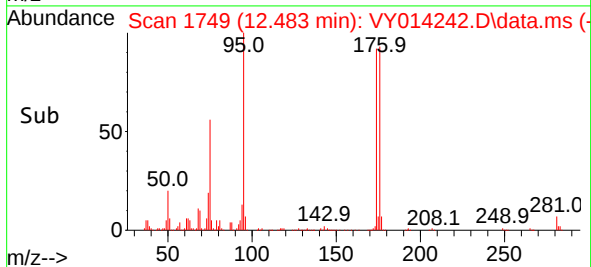
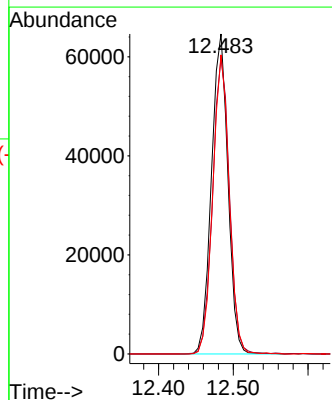
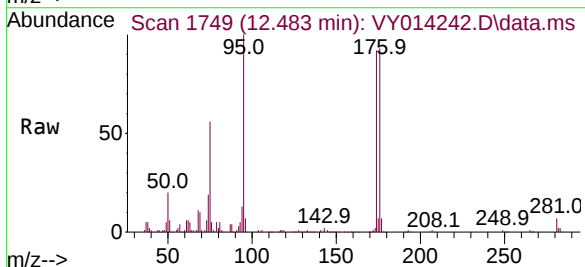
Tgt Ion: 95 Resp: 99344

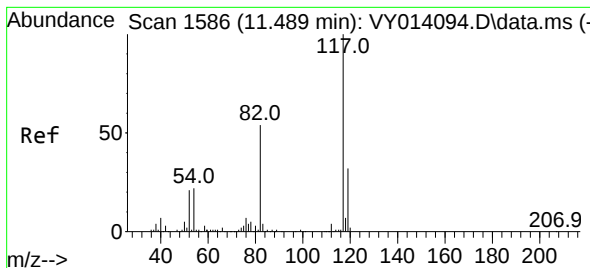
Ion Ratio Lower Upper

95 100

174 94.1 0.0 178.2

176 92.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014242.D

Acq: 19 Jun 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-13

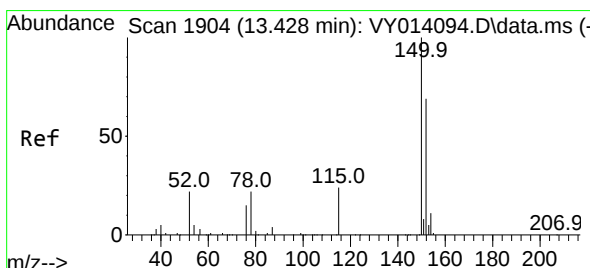
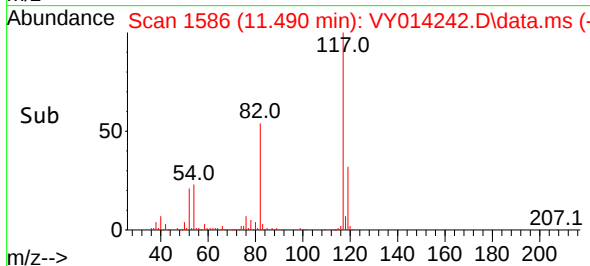
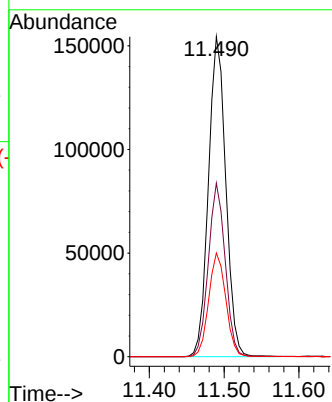
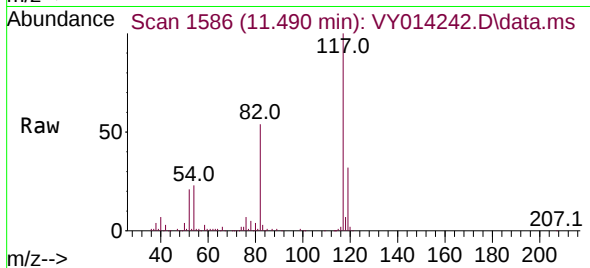
Tgt Ion:117 Resp: 248714

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014242.D

Acq: 19 Jun 2023 20:53

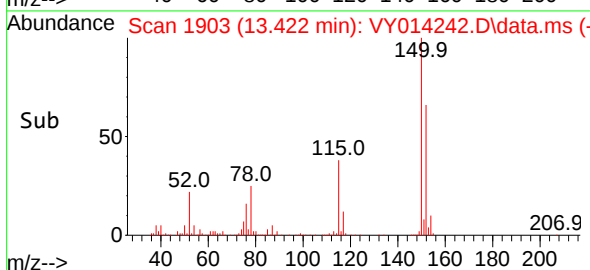
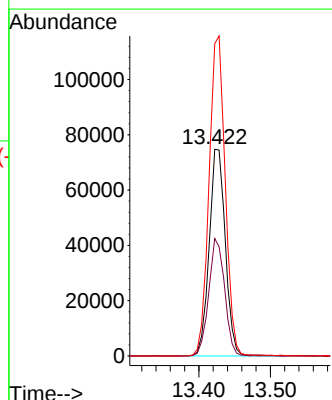
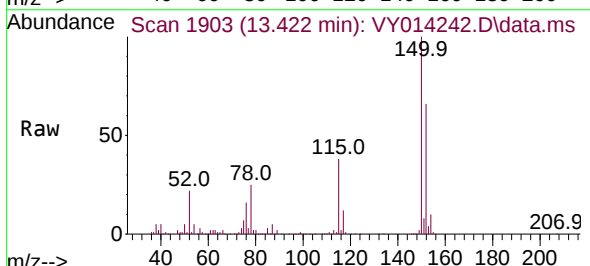
Tgt Ion:152 Resp: 117313

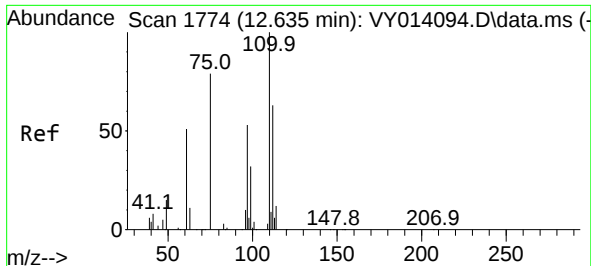
Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 154.6 0.0 348.8

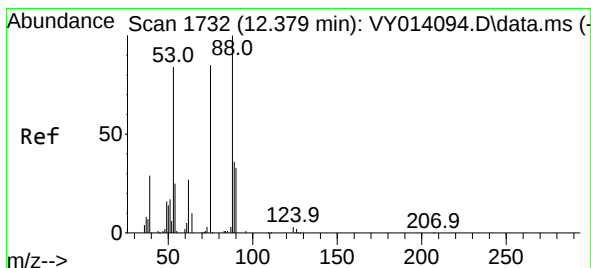
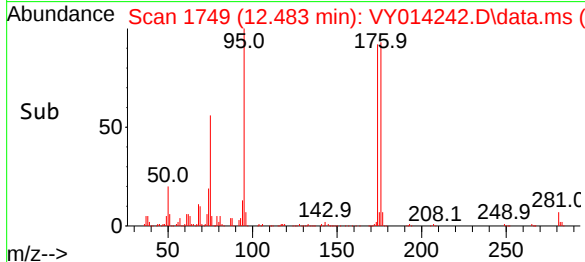
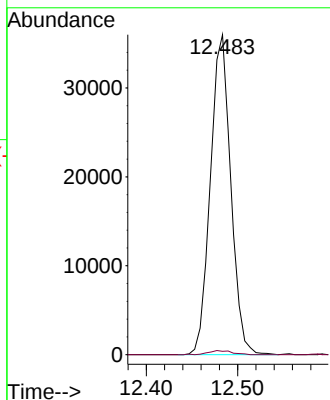
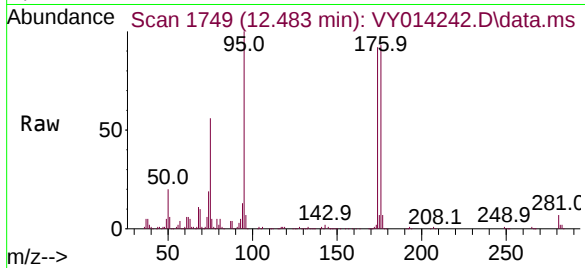




#76
1,2,3-Trichloropropane
Concen: 36.188 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

Instrument :
MSVOA_Y
ClientSampleId :
WC-13

Tgt Ion: 75 Resp: 55698
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.225 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

Tgt Ion: 75 Resp: 55698
Ion Ratio Lower Upper
75 100
53 0.6 77.8 116.8#
89 0.2 37.4 56.0#

